

# MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

WATER RESOURCES DIVISION - STATE WATER PROJECTS BUREAU

**October 31, 2008**

All Contents in Acre-Feet

RESERVOIR	CAPACITY*	CONTENTS				% CAPACITY 10/31/2008	%AVERAGE 10/31/2008	Reading Date	COMMENTS
	Full Pool Contents	AVERAGE 1960 - 2007	Last Year 10/31/2007	Last Month 9/30/2008	PRESENT 10/31/2008				
ACKLEY	6,140	3,199	2,133	1,469	1,469	24	46	10/31/08	volume estimated
BAIR	7,300	2,882	1,514	1,771	1,943	27	67	10/29/08	from D. Mann el.=5294.32
CATARACT	1,478	355	272	150	340	23	96	10/27/08	volume estimated
COONEY	28,230	16,327	17,426	19,154	18,524	66	113	10/31/08	from J. Krook el.=4238.45 (18,434 af)
COTTONWOOD	1,900	623	149	976	976	51	157	10/31/08	from B. Gartland el.=5097.65
DEADMAN'S BASIN	75,968	33,720	22,487	31,654	31,746	42	94	10/29/08	from D. Mann el.=3896.71 (27,996 af)
E.F. ROCK CREEK	16,040	5,428	7,246	9,241	10,384	65	191	10/31/08	from data logger el.=6039.7
FRENCHMAN	2,777	2,041	1,415	980	1,556	56	76	11/7/08	from G. Yeska el.=2262.3
MARTINSDALE	23,348	8,087	0	6,633	6,668	29	82	10/29/08	from D. Mann el.=4756.20
MIDDLE CREEK	10,184	5,461	6,359	5,710	6,060	60	111	11/7/08	from H. Lindvig el.=6700.9
NEVADA CREEK	11,207	4,038	3,915	5,636	5,929	53	147	10/31/08	from R. Hawkins el.=4599.76
NILAN	10,992	5,179	4,701	6,610	7,093	65	137	10/31/08	from J. Beck el.= 4434.16 (6193 af)
N.FK. SMITH RIVER	11,406	4,973	4,228	5,538	5,978	52	120	10/29/08	from D. Mann el.=5469.16
RUBY RIVER	36,633	12,156	10,012	17,802	17,902	49	147	10/27/08	from B. Nelson el.=5368.77
TONGUE RIVER	79,071	37,470	50,983	48,379	54,849	69	146	10/31/08	from data logger el.=3421.1
W.F. BITTERROOT	32,362	4,771	8,244	9,710	7,919	24	166	11/6/08	from A. Pernichele el.=4669.57
WILLOW CREEK	18,000	7,417	8,303	7,222	8,000	44	108	10/27/08	volume estimated
YELLOWATER	3,842	931	600	1,500	1,500	39	161	10/21/08	from B. Murphy

\* Note: Reservoir contents include dead storage at the following:

Ackley	325 AF	**	** O&M slope storage table does not include dead storage (so dead storage has to be added into the storage from the table)
Cooney	90 AF	**	Tongue River 711 AF (O&M storage table includes dead storage)
Deadman's	3750 AF	**	W. F. Bitterroot 656 AF (O&M storage table includes dead storage)
Nilan	900 AF	**	Willow Creek 269 AF (O&M storage table includes dead storage)

\* Note: Cooney capacity reflects capacity after 1982 dam rehabilitation; prior capacity was 24,195 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Middle Creek capacity reflects capacity after 1993 dam rehabilitation; prior capacity was 8,027 A.F.. Average storage shown is for post rehabilitation data.

\* Note: Nevada Creek Reservoir Capacity reflects live storage capacity survey conducted in year 2000. Prior live storage capacity documented as 12,723 AF.

\* Note: Ruby River capacity reflects capacity at concrete crest elevation; capacity at top of flashboards is 37,612 A.F.

\* Note: Tongue River capacity reflects capacity after 1999 dam rehabilitation; prior capacity was 68,040 A.F.. Average storage is post rehabilitation data.

\* Note: Frenchman Reservoir capacity tables updated based on aerial survey; prior capacity was 3752 A.F. Average shown is pre aerial survey